-AUG 22 2002 17:34 FR FINNEGAN HENDERSON 650 849 6666 TC-17038729310# CERTIFICATE OF FACSIMILE TRANSMISSION I hereby certify that this correspondence is being sent via facsimile on August 22, 2002, to Examiner Snay in Group 1743 at facsimile number (703) 872-9310 located at the Assistant Commissioner for Patents, Washington, D.C. 20231. PATENT Customer No. 22,852 Attorney Docket No. 7414.0059 IN THE UNITED STATES PATENT AND TRADEMARK OFFICE Group Art Unit: 1743

Examiner: Snay, J.

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GROUP 1700 In re Application of: Russell HIGUCHI Application No.: 08/968,208 CPA Filed: November 20, 2000 INSTRUMENT FOR MONITORING For: NUCLEIC ACID AMPLIFICATION Assistant Commissioner for Patents Washington, DC 20231 Sir: <u>AMENDMENT</u> Applicant responds to the Office Action mailed May 22, 2002 ("Action"). Applicant requests reconsideration and withdrawal of all outstanding rejections. Pleas amend the application as follows. IN THE SPECIFICATION: Please replace the paragraph inserted at page 6, line 17, in the amendment submitted February 11, 2000, with the following three paragraphs: Figures 6A and 6B schematically show a detector and a thermal cycler according FINNEGAN HENDERSON

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to certain embodiments of the invention.

Figure 7 schematically shows certain embodiments of the invention that employ a fiber optic cable.